

Planned Lifecycle Asset Replacement: College -- No. 926659

Category **Montgomery College**
 Agency **Montgomery College**
 Planning Area **Countywide**
 Relocation Impact **None**

Date Last Modified
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 Required Adequate Public Facility

May 21, 2004
 20-10 (03 App)
 NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	1,189	284	35	870	70	100	135	165	200	200	0
Land											
Site Improvements and Utilities											
Construction	19,392	6,391	871	12,130	930	1,400	1,865	2,335	2,800	2,800	0
Other											
Total	20,581	6,675	906	13,000	1,000	1,500	2,000	2,500	3,000	3,000	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	18,641	4,735	906	13,000	1,000	1,500	2,000	2,500	3,000	3,000	0
Current Revenue: General	1,940	1,940	0	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides funding for a comprehensive lifecycle renewal and replacement program to protect the investment in College facilities and equipment and to meet current safety and environmental requirements. Funding also provides for project management staff and/or services. This collegewide project is targeted at deteriorating facilities and deferred maintenance of major building systems. This project includes: (1) HVAC system renovation/replacement; (2) major mechanical/plumbing equipment renovation/replacement; (3) interior and exterior lighting system renovation/replacements; (4) electrical service/switchgear renovation/replacement; (5) building structural and exterior envelope refurbishment; (6) parking lot/roadway/sidewalk replacement; (7) asbestos removals not tied to building renovations; (8) major carpet replacement; (9) underground petroleum tank upgrades; and (10) site utility replacement/improvements.

JUSTIFICATION

In August 2002, the College completed a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provides the framework for implementing a systematic capital renewal program to complement on-going preventive maintenance efforts. The College continues to have a significant backlog of major building systems and equipment renovations and/or replacements due to the age of the Campuses and deferral of major equipment replacement. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The renovation and/or replacement of major building systems, building components and equipment, and site improvements will significantly extend the useful life of the College's buildings and correct safety and environmental problems. The Collegewide Facilities Condition Assessment identified a \$57.8 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, College facilities will continue to deteriorate leading to higher cost renovations or building replacements.

Plans and Studies

Schematic Design for Curtain Wall Remediation - Macklin Tower (5/25/01), Curtain Wall and Building Envelope Investigation - Macklin Tower (3/16/01), Collegewide Facilities Condition Assessment (8/02), and Collegewide Facilities Master Plan (February, 2004).

Cost Change

Cost increase to fund corrective work identified in the Facilities Condition Assessment, including project administration.

STATUS

Ongoing.

OTHER

The following fund transfers have been made from this project: \$47,685 to Takoma Park Child Care Center (#946657) (BOT Resol. #93106, #9426 & #94128); \$185,000 to Rockville Surge Building (#966665) (BOT Resol. #11-2291 - 1/21/97); and \$7,000 to Planning, Design & Construction (#906605) (BOT Resol. #01-153). The following fund transfers have been made into this project: \$15,000 from Central Plant Distribution System (#886676) (BOT Resol. #98-82 - 6/15/98) and \$25,000 from Clean Air Act (#956643) (BOT Resol. # 98-82 - 6/15/98). Beginning in FY98, the portion of this project funded by County Current Revenues migrated to the College's Operating Budget. Reflecting the migration of this portion of the project, the College's Operating Budget includes funds for this effort. FY2005 Appropriation: \$1,000,000 (G.O. Bonds). * Project expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY93	(\$000)
Initial Cost Estimate		3,000
First Cost Estimate		
Current Scope	FY05	20,581
Last FY's Cost Estimate		8,781
Present Cost Estimate		20,581
Appropriation Request	FY05	1,000
Appropriation Req. Est.	FY06	1,500
Supplemental Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		7,581
Expenditures/Encumbrances		6,676
Unencumbered Balance		905
Partial Closeout Thru	FY02	0
New Partial Closeout	FY03	0
Total Partial Closeout		0

COORDINATION

This project is coordinated with the Rockville, Takoma Park and Germantown Campus Utility Master Plans, building renovations on the Rockville and Takoma Park Campuses, and the following projects:

Elevator Modernization: College (CIP#046600)
 Energy Conservation: College (CIP#816611)
 Facility Planning: College (CIP#886686)
 Life Safety Improvements: College (CIP#046601)
 Macklin Tower Alterations (CIP#036603)
 Roof Replacement: College (CIP#876664)
 TP Central Plant (CIP#016600)

MAP